RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: *10/788,563*

Source:

Date Processed by STIC:

ENTERED

RAW SEQUENCE LISTING   DATE: 10/18/2004
PATENT APPLICATION: US/10/788,563   TIME: 10:06:54

Input Set : N:\Crf3\RULE60\10788563.raw.txt
Output Set: N:\CRF4\10182004\J788563.raw

```
 1 <110> APPLICANT: Coy, David H.
 2        Moreau, Jacques-Pierre
 3        Kim, Sun H.
 4 <120> TITLE OF INVENTION: OCTAPEPTIDE BOMBESIN ANALOGS
 5 <130> FILE REFERENCE: 00537-00900K
 6 <140> CURRENT APPLICATION NUMBER: US/10/788,563
 7 <141> CURRENT FILING DATE: 2004-02-27
 8 <150> PRIOR APPLICATION NUMBER: US/10/004,530
 9 <151> PRIOR FILING DATE: 2001-10-23
10 <150> PRIOR APPLICATION NUMBER: 09/260,846
11 <151> PRIOR FILING DATE: 1999-03-02
12 <150> PRIOR APPLICATION NUMBER: 08/337,127
13 <151> PRIOR FILING DATE: 1994-11-10
14 <150> PRIOR APPLICATION NUMBER: 07/779,039
15 <151> PRIOR FILING DATE: 1991-10-18
16 <150> PRIOR APPLICATION NUMBER: 07/502,438
17 <151> PRIOR FILING DATE: 1990-03-30
18 <150> PRIOR APPLICATION NUMBER: 07/397,169
19 <151> PRIOR FILING DATE: 1989-08-21
20 <150> PRIOR APPLICATION NUMBER: 07/376,555
21 <151> PRIOR FILING DATE: 1989-07-07
22 <150> PRIOR APPLICATION NUMBER: 07/317,941
23 <151> PRIOR FILING DATE: 1989-03-02
24 <150> PRIOR APPLICATION NUMBER: 07/282,328
25 <151> PRIOR FILING DATE: 1988-12-09
26 <150> PRIOR APPLICATION NUMBER: 07/257,998
27 <151> PRIOR FILING DATE: 1988-10-14
28 <150> PRIOR APPLICATION NUMBER: 07/248,771
29 <151> PRIOR FILING DATE: 1988-09-23
30 <150> PRIOR APPLICATION NUMBER: 07/207,759
31 <151> PRIOR FILING DATE: 1988-06-16
32 <150> PRIOR APPLICATION NUMBER: 07/204,171
33 <151> PRIOR FILING DATE: 1988-06-08
34 <150> PRIOR APPLICATION NUMBER: 07/173,311
35 <151> PRIOR FILING DATE: 1988-03-25
36 <150> PRIOR APPLICATION NUMBER: 07/100,571
37 <151> PRIOR FILING DATE: 1987-09-24
38 <160> NUMBER OF SEQ ID NOS: 26
39 <170> SOFTWARE: FastSEQ for Windows Version 4.0
41 <210> SEQ ID NO: 1
42 <211> LENGTH: 14
43 <212> TYPE: PRT
44 <213> ORGANISM: Xenopus laevis
```

```
45 <400> SEQUENCE: 1
46       Glu Gln Arg Leu Gly Asn Gln Trp Ala Val Gly His Leu Met
47        1           5               10

49 <210> SEQ ID NO: 2
50 <211> LENGTH: 27
51 <212> TYPE: PRT
52 <213> ORGANISM: Sus scrofa
53 <400> SEQUENCE: 2
54       Ala Pro Val Ser Val Gly Gly Gly Thr Val Leu Ala Lys Met Tyr Pro
55        1           5               10                  15
56       Arg Gly Asn His Trp Ala Val Gly His Leu Met
57                    20              25

59 <210> SEQ ID NO: 3
60 <211> LENGTH: 27
61 <212> TYPE: PRT
62 <213> ORGANISM: Homo sapiens
63 <400> SEQUENCE: 3
64       Val Pro Leu Pro Ala Gly Gly Gly Thr Val Leu Thr Lys Met Tyr Pro
65        1           5               10                  15
66       Arg Gly Asn His Trp Ala Val Gly His Leu Met
67                    20              25

69 <210> SEQ ID NO: 4
70 <211> LENGTH: 8
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Synthetically generated peptide
75 <220> FEATURE:
76 <221> NAME/KEY: VARIANT
77 <222> LOCATION: 8
78 <223> OTHER INFORMATION: Xaa = statine
79 <400> SEQUENCE: 4
```
W--> 80   **Glu Gln Trp Ala Val Gly His Xaa**
```
81        1           5

83 <210> SEQ ID NO: 5
84 <211> LENGTH: 29
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Synthetically generated peptide
89 <220> FEATURE:
90 <221> NAME/KEY: VARIANT
91 <222> LOCATION: 2
92 <223> OTHER INFORMATION: Xaa at position 2 is Ala, D-Ala, N-methyl-D-Ala,
93       or alpha-aminobutyric acid
94 <400> SEQUENCE: 5
```
W--> 95   **Tyr Xaa Asp Ala Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln**
```
96        1           5               10                  15
97       Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg
```

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Output Set: **N:\CRF4\10182004\J788563.raw**

```
 98                  20                    25
100 <210> SEQ ID NO: 6
101 <211> LENGTH: 9
102 <212> TYPE: PRT
103 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Synthetically generated peptide
106 <400> SEQUENCE: 6
107       Glu Gln Trp Ala Val Gly His Phe Leu
108        1             5
110 <210> SEQ ID NO: 7
111 <211> LENGTH: 9
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Synthetically generated peptide
116 <400> SEQUENCE: 7
117       Glu Gln Trp Ala Val Gly His Leu Leu
118        1             5
120 <210> SEQ ID NO: 8
121 <211> LENGTH: 9
122 <212> TYPE: PRT
123 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Synthetically generated peptide
126 <400> SEQUENCE: 8
127       Glu Gln Trp Ala Val Gly His Leu Leu
128        1             5
130 <210> SEQ ID NO: 9
131 <211> LENGTH: 9
132 <212> TYPE: PRT
133 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Synthetically generated peptide
136 <220> FEATURE:
137 <221> NAME/KEY: VARIANT
138 <222> LOCATION: 9
139 <223> OTHER INFORMATION: Xaa = statine
140 <400> SEQUENCE: 9
W--> 141       Glu Gln Gln Trp Ala Val Gly His Xaa
142        1             5
144 <210> SEQ ID NO: 10
145 <211> LENGTH: 35
146 <212> TYPE: PRT
147 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Synthetically generated peptide
150 <400> SEQUENCE: 10
151       Tyr Arg Lys Ala Leu Gly Gln Leu Ser Ala Arg Lys Leu Leu Gln Asp
```

```
152          1           5              10              15
153       Ile Met Ser Arg Gln Gln Gly Glu Ser Asn Gln Glu Arg Gly Ala Arg
154                  20           25              30
155       Ala Arg Leu
156                  35
158 <210> SEQ ID NO: 11
159 <211> LENGTH: 29
160 <212> TYPE: PRT
161 <213> ORGANISM: Homo sapiens
162 <400> SEQUENCE: 11
163       Tyr Ala Asp Ala Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln
164          1           5              10              15
165       Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg
166                  20           25
168 <210> SEQ ID NO: 12
169 <211> LENGTH: 10
170 <212> TYPE: PRT
171 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Synthetically generated peptide
174 <400> SEQUENCE: 12
175       Gly Asn His Trp Ala Val Gly His Leu Leu
176          1           5              10
178 <210> SEQ ID NO: 13
179 <211> LENGTH: 9
180 <212> TYPE: PRT
181 <213> ORGANISM: Homo sapiens
182 <400> SEQUENCE: 13
183       Glu Gln Trp Ala Val Gly His Phe Met
184          1           5
186 <210> SEQ ID NO: 14
187 <211> LENGTH: 10 ·
188 <212> TYPE: PRT
189 <213> ORGANISM: Homo sapiens
190 <400> SEQUENCE: 14
191       Gly Ser His Trp Ala Val Gly His Leu Met
192          1           5              10
194 <210> SEQ ID NO: 15
195 <211> LENGTH: 10
196 <212> TYPE: PRT
197 <213> ORGANISM: Xenopus laevis
198 <400> SEQUENCE: 15
199       Gly Asn Gln Trp Ala Val Gly His Leu Met
200          1           5              10
202 <210> SEQ ID NO: 16
203 <211> LENGTH: 10
204 <212> TYPE: PRT
205 <213> ORGANISM: Homo sapiens
206 <400> SEQUENCE: 16
```

```
207        Gly Asn His Trp Ala Val Gly His Leu Met
208         1               5               10
210 <210> SEQ ID NO: 17
211 <211> LENGTH: 28
212 <212> TYPE: PRT
213 <213> ORGANISM: Homo sapiens
214 <400> SEQUENCE: 17
215        His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
216         1               5               10              15
217        Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn
218                    20              25
220 <210> SEQ ID NO: 18
221 <211> LENGTH: 27
222 <212> TYPE: PRT
223 <213> ORGANISM: Homo sapiens
224 <400> SEQUENCE: 18
225        His Ala Asp Gly Val Phe Thr Ser Asp Phe Ser Arg Leu Leu Gly Gln
226         1               5               10              15
227        Leu Ser Ala Lys Lys Tyr Leu Glu Ser Leu Ile
228                    20              25
230 <210> SEQ ID NO: 19
231 <211> LENGTH: 27
232 <212> TYPE: PRT
233 <213> ORGANISM: Homo sapiens
234 <400> SEQUENCE: 19
235        His Ser Asp Gly Thr Phe Thr Ser Glu Leu Ser Arg Leu Arg Asp Ser
236         1               5               10              15
237        Ala Arg Leu Gln Arg Leu Leu Gln Gly Leu Val
238                    20              25
240 <210> SEQ ID NO: 20
241 <211> LENGTH: 44
242 <212> TYPE: PRT
243 <213> ORGANISM: Homo sapiens
244 <400> SEQUENCE: 20
245        Tyr Ala Asp Val Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln
246         1               5               10              15
247        Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg Gln Gln Gly
248                    20              25              30
249        Glu Ser Asn Gln Glu Arg Gly Ala Arg Ala Arg Leu
250                 35              40
252 <210> SEQ ID NO: 21
253 <211> LENGTH: 29
254 <212> TYPE: PRT
255 <213> ORGANISM: Homo sapiens
256 <400> SEQUENCE: 21
257        His Ser Gln Gly Thr Phe Thr Ser Asp Tyr Ser Lys Tyr Leu Asp Ser
258         1               5               10              15
259        Arg Arg Ala Gln Asp Phe Val Gln Trp Leu Met Asn Thr
260                    20              25
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/18/2004
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Input Set : N:\Crf3\RULE60\10788563.raw.txt
Output Set: N:\CRF4\10182004\J788563.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 8
Seq#:5; Xaa Pos. 2
Seq#:9; Xaa Pos. 9

VERIFICATION SUMMARY   DATE: 10/18/2004
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Input Set : **N:\Crf3\RULE60\10788563.raw.txt**
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L:80 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0